

Amended Abstract --- (Replacement)

The centrifugal weight control is a means of regulating rpm's on the low speed shaft in a changing wind (or water) speed. As wind speed increases the weights are extended further from their hub. This extension as wind speed increases does bring into play a greater inertial force. It is this greater inertial force that holds rpm's constant and, at the same time, increases rolling torque on the low speed shaft. With sufficient increase in rolling torque additional generators can be clutched into operation.

Common knowledge in the business is that the energy content of the wind increases eight fold with each doubling of wind speed.